

## KANSAS AGRICULTURAL STATISTICS SERVICE PROCEDURES AND STAFF

Information is collected in many ways: mail surveys, telephone contacts, personal interviews, and in-the-field observations.

Most estimates are based on probability sample surveys. That is, information collected from a scientifically selected sample of all producers is used to estimate the activities of the entire group. Sampling is not only less costly in time and money than a complete count, but can be more accurate because reporting errors and data-handling errors are minimal compared to those in a complete count or census.

Program content is planned to provide a comparable series of data over time--for example, Kansas wheat and corn production estimates date back to 1866--but also to meet current needs to the extent permitted by available resources. Data user meetings and close contact with farm and industry groups are utilized to maintain the relevance of the data provided.

Kansas Agricultural Statistics Service staff includes highly trained agricultural statisticians with farm backgrounds and extensive experience in Kansas and other states, a support staff of statistical assistants, computer personnel, and printing-mailing specialists. Eddie Wells is the Deputy Director. Lead Statistician for Estimates is David Ranek. Estimate Statisticians include Quentin Wearne, Dan Kolterman, Akilah Nicks, Matt Gregg, Darin Twete. The Lead Statistician for Surveys is Joel Golz. Survey Statisticians include Sherri Hand, Brandi Mulroney, Steve Maliszewski, and Stephen Habets, assisted by Research Analyst Dona Ratliff. Candace S. Thomas provides research and editorial assistance while Judy Allison is our designer and Desktop Publisher. In addition, a field and telephone staff of part-time enumerators, working under the direction of field supervisors, collect data by personal and telephone interview. The office staff and crew of enumerators join me in thanking the many farmers and agri-business firms who provide the data and assist in planning our program of statistics.

Eldon J. Thiessen  
Director

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KANSAS  
AGRICULTURAL  
STATISTICS SERVICE  
Fact Finders  
For Agriculture

For information, questions, or comments relating to this publication, please contact Kansas Agricultural Statistics Service.

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## 2004 KANSAS AGRICULTURAL HIGHLIGHTS

In 2004, Kansas farmers set new records in corn and soybean production. Soybean yield was also a record high, while the corn yield was just 2 bushels below the record set in 1996. Sorghum production was up, while wheat production was down from the previous year. Crop prices were mixed throughout the year. January 1 cattle inventory was unchanged from the previous year. Prices set new record highs for the first eight months but dropped below the records of the prior year for September through December. December 1 hog inventory was at the highest level since 1981, with prices remaining above year ago levels for all of 2004. The value of all farmland and buildings was 4 percent above 2003.

Seeding of wheat acres began the first week of September 2003. Planting progress was ahead of the average with the western third of the State nearly completed by mid-October due to dry weather. By the end of November, wheat seeding was 96 percent completed and emergence was at 84 percent. Wheat condition was above 50 percent good-to-excellent all fall until dropping slightly by the end of November to 47 percent good-to-excellent. However, condition declined over the winter due to continued dry conditions with 34 percent of the crop rated as poor-to-very poor on March 7. By the end of March, estimates indicated that 7 percent of the crop either had not emerged or was lost to winterkill. On April 25th, 30 percent of the crop was in poor-to-very poor condition compared to 16 percent the year earlier. Crop progress was ahead of normal during the spring with 84 percent jointed by April 25th, compared with 80 percent in 2003 and 75 percent for the 5-year average. The crop began to head by late April and progressed ahead of normal during May. Damage from freezes in early spring became evident as the crop matured during May. Harvest of the 2004 crop began well ahead of normal and by June 13th the crop was 15 percent harvested, compared to 1 percent in 2003 and 6 percent for the 5-year average. Harvest continued ahead of average throughout June despite some scattered showers. Heavy rains in July slowed harvest and led to wheat sprout in the northern third of the State. Harvest was 99 percent completed by the 18th of July.

Wheat production in 2004 was 314.5 million bushels, 34 percent below 2003's crop of 480.0 million bushels. The yield, at 37 bushels per acre, was down 11 bushels from the year earlier. The acreage harvested for grain, at 8.50 million acres, was down 15 percent from 2003. The 2004 crop averaged 13.2 percent protein, with a test weight of 59.8 pounds per bushel, and 11.4 percent moisture. For the first seven months of the year, wheat prices were above the previous year; however, with the exception of September, prices were below year-ago levels for the remainder of 2004. The preliminary marketing year average price, at \$3.25 per bushel, was up 10 cents from 2003 and generated a value of production of \$1.022 billion, 32 percent below the previous year. Kansas retained its first place status as the number one wheat state in the Nation.

Seeding of the 2005 wheat crop began the first week of September and progressed slightly behind normal through completion. Dry conditions persisted throughout September, but widespread showers during October and November improved soil moisture for wheat germination. Wheat seeding was nearly completed by mid-November. Topsoil moisture at the end of November was rated 9 percent short-to-very short while subsoil moisture was 29 percent short-to-very short. Emergence lagged behind normal until the end of November when it moved to slightly ahead of normal. Ninety-six percent of the crop was emerged by November 29th. Wheat condition decreased slightly from 81 percent good-to-excellent in mid-October to 77 percent good-to-excellent by the end of November.

During the 2004, growing conditions were excellent for producing corn. Spring planting progressed slightly ahead of normal and by mid-May was 95 percent complete. Crop development continued to be ahead of normal through June and early July but slowed toward the end of July to nearly average. August experienced favorable growing conditions and by the end of the month, 76 percent of the crop was rated as good-to-excellent. This compares with 20 percent rated as good-to-excellent during the same period a year earlier. Grain harvest began in late August in central and southern counties. However, progress was slowed in late September, particularly in western districts, where wet conditions delayed harvest. Harvest continued to lag behind normal through October and November. According to the Weekly Crop Weather report, harvest was nearly completed by the end of November. Corn acres harvested for silage decreased from the previous year, falling to 170,000 acres.

Corn production was 432.0 million bushels, up 44 percent from 2003 and the highest corn production ever in Kansas. The 2004 yield was 150 bushels per acre, 30 bushels above the previous year, but 2 bushels below the record high set back in 1996. Acreage harvested for grain, at 2.9 million, was up 15 percent from 2003. This was the fourteenth year in a row that corn production exceeded sorghum production. Prices for corn were above the previous year through August; then dropped below 2003 levels for the

remainder of the year. Based on the preliminary 2004 marketing year average price of \$2.15 per bushel, the value of production for the 2004 corn crop was \$928.8 million, 23 percent above the 2003 value.

Sorghum planting progress was near normal all spring. By July 12th, planting was nearly completed and 95 percent of the crop had emerged. Sixty-nine percent of the crop was rated in good-to-excellent condition at that time. The State received scattered showers, sometimes heavy, throughout July and August. Temperatures were mostly moderate during July and the first two weeks of August. Temperatures then turned abnormally cool the last two weeks of August, causing crop progress to fall behind the 5-year average. Crop condition also declined slightly; however, 69 percent of the crop remained in good-to-excellent condition. Harvest began in September but was behind average most of the harvest season due to widespread rain during October and November. By the end of November, only 85 percent of the crop was harvested, compared to 98 percent for the 5-year average.

Sorghum grain production was 220.4 million bushels in 2004, up 31 percent from 2003's crop of 130.5 million bushels. The yield averaged 76 bushels per acre, up 31 bushels from the previous year. Harvested acreage for grain, at 2.9 million acres, was unchanged from 2003. Sorghum prices were above 2003 from January through July; however, they dropped to below the previous year for the rest of 2004. The preliminary 2004 marketing year average price (\$1.62 per bushel) indicated a value of production of \$357.9 million, 16 percent above 2003. In 2004, Kansas regained its title as the number one sorghum grain producing state.

The 2004 growing season was very favorable for soybean production with timely rains and moderate temperatures. Soybean planting progress was slightly above the 5-year average for most of the spring. By mid-June, 87 percent of the crop was planted and 78 percent had emerged. The crop was rated 86 percent good-to-excellent on August 1st. Harvest progressed normally until slowed by the wet conditions in late October and November.

Soybean production was 111.1 million bushels, up 95 percent from 2003's crop of 57.0 million bushels, and an all time record for Kansas. Yield, at 41 bushels per acre, was up 18 bushels from a year earlier, and also a record for Kansas. Acres harvested was 2.71 million acres, up 9 percent from 2003. Soybean prices for year 2004 were above the previous year for the first eight months with prices dropping below 2003 for the remainder of the year. Based on the preliminary marketing year average price of \$4.75 per bushel, the value of production for the 2004 crop was \$527.8 million, 20 percent above 2003.

All hay production totaled 7.88 million tons, up 13 percent from 2003. Acres harvested, at 3.35 million acres, was up 100,000 acres from the previous year. The preliminary marketing year average price of \$62.40 per ton indicated a value of production for the 2004 crop of \$491.6 million, up 6 percent from 2003. Grazing and stock water supplies were generally adequate across the State for 2004. Monthly prices for all hay during 2004 were down for all months except June and October.

All cattle and calves on farms and ranches on January 1, 2005, totaled 6.65 million head, unchanged from January 1, 2004. The 5.5 million head of cattle marketed during 2004 was down 2 percent from the year earlier. Fed cattle marketings in 2004 were 5.3 million head, down 2 percent from the previous year. Cash receipts from the sale of cattle were \$5.64 billion, virtually unchanged from 2003. Cattle prices in 2004 increased over prices in 2003 for the first eight months, ranging from increases of \$1.30 per cwt. in February to \$11.40 per cwt. in June. Prices then dropped below 2003 for the remainder of the year.

The December 1, 2004 hog inventory in Kansas was 1.71 million head, 4 percent above the previous year. This was the largest December 1 hog inventory since 1981. Total cash receipts from hogs were \$379.0 million, up 50 percent from 2003. Hog prices rose above year-ago levels every month in 2004. Prices for hogs ranged from an increase of \$5.50 per cwt. in January to \$18.90 per cwt. in November.

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All reports released by Kansas Agricultural Statistics Service are available on the World Wide Web. The Web home page address for Kansas Agricultural Statistics Service is:

**<http://www.nass.usda.gov/ks/>**

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KANSAS FARM FACTS

KANSAS' RANK IN U.S. AGRICULTURE, 2004

| Crop or Livestock Item                                   | Production<br>or<br>Number |       | Rank | Kansas<br>Number<br>as % of<br>U.S. Total |
|--|----------------------------|-------|------|---|
| Wheat Flour Milled .....                                 | 36,629,000                 | cwt.  | 1    | 9.3                                       |
| Wheat Flour Milling Capacity .....                       | 136,379                    | cwt.  | 1    | 9.1                                       |
| All Wheat Produced .....                                 | 314,500,000                | bu.   | 1    | 14.6                                      |
| Sorghum Grain Produced .....                             | 220,400,000                | bu.   | 1    | 48.5                                      |
| Cattle Slaughtered .....                                 | 7,181,900                  | head  | 1    | 21.9                                      |
| Sorghum Silage Produced .....                            | 910,000                    | tons  | 2    | 19.1                                      |
| Cropland <u>1/</u> .....                                 | 29,542,022                 | acres | 2    | 6.8                                       |
| Prime Farmland <u>2/</u> .....                           | 23,232,100                 | acres | 2    | 7.0                                       |
| All Cattle and Calves on Farms, Jan. 1, 2005 .....       | 6,650,000                  | head  | 2    | 6.9                                       |
| Cattle and Calves on Grain Feed, Jan. 1, 2005 .....      | 2,460,000                  | head  | 3    | 17.9                                      |
| Red Meat Production by Com'l. Slaughter Plants .....     | 5,602,300,000              | lbs.  | 3    | 12.3                                      |
| Land in Farms .....                                      | 47,200,000                 | acres | 3    | 5.0                                       |
| Commercial Grain Storage Capacity, Dec. 1, 2004 .....    | 890,000,000                | bu.   | 3    | 10.5                                      |
| Sunflowers Produced .....                                | 226,360,000                | lbs.  | 3    | 11.1                                      |
| All Hay Produced .....                                   | 7,880,000                  | tons  | 4    | 5.0                                       |
| Exports of Farm Products, FY 2004 .....                  | 2,928,000,000              | dol.  | 6    | 4.7                                       |
| Beef Cows That Have Calved, Jan. 1, 2005 .....           | 1,550,000                  | head  | 6    | 4.7                                       |
| All Other Hay (Excluding Alfalfa) Produced .....         | 4,080,000                  | tons  | 6    | 5.0                                       |
| Irrigated Acres <u>1/</u> .....                          | 2,678,277                  | acres | 6    | 4.8                                       |
| All Summer Potatoes Produced .....                       | 1,360,000                  | cwt.  | 6    | 7.2                                       |
| Cash Receipts from Farm Marketings, 2004 <u>3/</u> ..... | 9,502,727,000              | dol.  | 7    | 3.9                                       |
| Alfalfa Hay Produced .....                               | 3,800,000                  | tons  | 8    | 5.0                                       |
| Corn Grain Produced .....                                | 432,000,000                | bu.   | 9    | 3.7                                       |
| Hogs on Farms, Dec. 1, 2004 .....                        | 1,710,000                  | head  | 9    | 2.8                                       |
| Soybeans Produced .....                                  | 111,110,000                | bu.   | 10   | 3.5                                       |
| Market Sheep and Lambs, Jan.1, 2005 .....                | 41,000                     | head  | 10   | 2.6                                       |
| Dry Edible Beans Produced .....                          | 153,000                    | cwt.  | 14   | 0.9                                       |
| All Sheep and Lambs on Farms, Jan. 1, 2005 .....         | 106,000                    | head  | 14   | 1.7                                       |
| Corn Silage Produced .....                               | 2,550,000                  | tons  | 14   | 2.4                                       |
| Meat & Other Goats, Jan. 1, 2005 .....                   | 27,000                     | head  | 14   | 1.4                                       |
| Upland Cotton Produced .....                             | 70,700                     | bales | 17   | 0.3                                       |
| Oats Produced .....                                      | 1,720,000                  | bu.   | 18   | 1.5                                       |
| Milk Goats, Jan. 1, 2005 .....                           | 3,500                      | head  | 23   | 1.2                                       |
| Barley Produced .....                                    | 336,000                    | bu.   | 23   | 0.1                                       |

1/ Total cropland and irrigated acres, 2002 U.S. Census of Agriculture.

2/ Prime farmland is the land best suited to producing food, feed, forage, fiber, and oilseed crops. 1997 National Resource Inventory issued by National Resources Conservation Service.

3/ Preliminary.

# KANSAS FARM FACTS

## KANSAS AGRICULTURAL EXPORTS

| Commodity  | 2000    | 2001    | 2002    | 2003    | 2004    |
|--|---------|---------|---------|---------|---------|
| Million Dollars                                      |         |         |         |         |         |
| Wheat & Products . . . . .                           | 744.4   | 618.4   | 699.2   | 753.6   | 1,149.4 |
| Feed Grains & Prod. . . . .                          | 512.1   | 472.3   | 521.7   | 398.8   | 401.5   |
| Live Animals & Meat<br>(Excluding Poultry) . . . . . | 957.8   | 881.6   | 748.5   | 841.2   | 343.2   |
| Hides & Skins . . . . .                              | 278.7   | 387.9   | 319.2   | 332.2   | 322.3   |
| Soybeans & Products . . .                            | 203.4   | 123.5   | 221.6   | 175.3   | 210.0   |
| Feeds & Fodders . . . . .                            | 317.9   | 364.1   | 349.3   | 294.1   | 271.8   |
| Animal Fats . . . . .                                | 80.4    | 62.9    | 79.3    | 101.4   | 101.1   |
| Seeds . . . . .                                      | 40.0    | 35.3    | 43.6    | 38.2    | 66.3    |
| Sunflower Seed & Oil . . .                           | 22.8    | 15.7    | 25.0    | 7.3     | 13.1    |
| Dairy Products . . . . .                             | 9.2     | 10.9    | 12.3    | 12.9    | 17.1    |
| Other . . . . .                                      | 8.6     | 10.1    | 10.3    | 19.7    | 32.2    |
| Total . . . . .                                      | 3,175.1 | 2,982.7 | 3,030.1 | 2,974.7 | 2,928.0 |

## LEADING STATES IN U.S. AGRICULTURAL EXPORTS SELECTED COMMODITIES, FISCAL YEAR 2004 1/

| Commodity Group       | United States | Leading 10 States by Value |        |        |        |        |        |        |        |        |        |
|-----------------------|---------------|----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                       |               | 1                          | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     |
| Million Dollars       |               |                            |        |        |        |        |        |        |        |        |        |
| Total                 | 62297.3       | CA                         | IA     | IL     | TX     | NE     | KS     | MN     | AR     | ND     | WA     |
|                       |               | 9197.3                     | 3676.3 | 3654.4 | 3363.4 | 3015.0 | 2928.0 | 2891.2 | 1900.1 | 1891.9 | 1886.7 |
| Soybeans & Products   | 9034.7        | IL                         | IA     | MN     | IN     | NE     | OH     | MO     | SD     | AR     | ND     |
|                       |               | 1397.8                     | 1262.5 | 877.8  | 751.4  | 671.1  | 606.7  | 537.7  | 425.3  | 409.7  | 325.7  |
| Feed Grains & Prods.  | 8104.4        | IA                         | IL     | NE     | MN     | IN     | KS     | TX     | OH     | SD     | WI     |
|                       |               | 1369.5                     | 1340.2 | 876.6  | 718.0  | 580.1  | 401.5  | 356.6  | 353.6  | 329.0  | 272.3  |
| Wheat & Products      | 6621.5        | KS                         | ND     | OK     | MT     | WA     | MN     | TX     | SD     | NE     | OH     |
|                       |               | 1149.4                     | 749.8  | 420.2  | 355.0  | 325.5  | 313.2  | 271.0  | 264.7  | 227.7  | 224.2  |
| Vegetables & Prep.    | 5187.6        | CA                         | WA     | WI     | MN     | ID     | OR     | FL     | MI     | ND     | AZ     |
|                       |               | 2429.8                     | 522.3  | 275.5  | 257.9  | 250.3  | 158.3  | 145.4  | 137.0  | 128.9  | 85.3   |
| Cotton & Linters      | 4536.5        | TX                         | MS     | GA     | CA     | AR     | NC     | LA     | TN     | AL     | MO     |
|                       |               | 1081.8                     | 522.4  | 520.0  | 492.1  | 444.6  | 255.6  | 253.1  | 219.3  | 202.1  | 172.5  |
| Live Animals & Meat   | 4420.3        | IA                         | NE     | KS     | TX     | NC     | MN     | IL     | KY     | IN     | OK     |
|                       |               | 725.0                      | 520.8  | 343.2  | 327.1  | 255.2  | 250.2  | 247.0  | 197.2  | 164.3  | 127.2  |
| Fruits & Prep.        | 3807.8        | CA                         | FL     | WA     | OR     | MI     | NY     | HI     | TX     | ME     | AZ     |
|                       |               | 2086.7                     | 596.9  | 533.0  | 106.4  | 84.7   | 61.8   | 46.2   | 45.3   | 25.7   | 22.7   |
| Poultry & Products    | 2512.6        | GA                         | AR     | NC     | AL     | MS     | TX     | IN     | VA     | CA     | SC     |
|                       |               | 274.2                      | 272.9  | 229.5  | 228.1  | 176.3  | 135.8  | 77.6   | 75.3   | 70.1   | 69.2   |
| Feeds & Fodders       | 2027.8        | TX                         | KS     | NE     | IA     | MN     | ND     | MO     | IL     | CO     | OK     |
|                       |               | 329.5                      | 271.8  | 182.3  | 108.8  | 89.2   | 79.5   | 58.4   | 57.2   | 50.4   | 49.0   |
| Tree Nuts             | 1887.8        | CA                         | OR     | GA     | TX     | NM     | HI     | AZ     | LA     | AL     | MS     |
|                       |               | 1731.4                     | 39.8   | 28.5   | 26.6   | 20.9   | 10.7   | 8.6    | 7.6    | 3.0    | 2.7    |
| Hides & Skins         | 1766.8        | NE                         | KS     | TX     | WI     | CO     | CA     | UT     | IA     | MN     | PA     |
|                       |               | 350.4                      | 322.3  | 279.8  | 115.1  | 110.6  | 64.2   | 57.4   | 55.9   | 54.8   | 51.9   |
| Dairy Products        | 1321.6        | CA                         | WI     | NY     | PA     | ID     | MN     | NM     | MI     | TX     | WA     |
|                       |               | 282.1                      | 170.8  | 90.1   | 77.8   | 70.3   | 62.7   | 51.9   | 48.8   | 46.5   | 41.9   |
| Rice                  | 1318.3        | AR                         | CA     | LA     | MS     | TX     | MO     | na     | na     | na     | na     |
|                       |               | 588.5                      | 355.9  | 154.9  | 90.9   | 68.1   | 60.1   | na     | na     | na     | na     |
| Tobacco, Unmfd.       | 1049.5        | NC                         | KY     | GA     | SC     | TN     | VA     | na     | na     | na     | na     |
|                       |               | 382.2                      | 266.0  | 80.8   | 80.3   | 73.5   | 49.1   | na     | na     | na     | na     |
| Seeds                 | 1005.1        | CA                         | OR     | KS     | IN     | ND     | NV     | AZ     | FL     | MS     | IA     |
|                       |               | 201.5                      | 111.2  | 66.3   | 58.8   | 41.9   | 35.9   | 35.7   | 35.1   | 31.3   | 26.3   |
| Animal Fats           | 574.2         | NE                         | KS     | TX     | IA     | CO     | WI     | CA     | IL     | MN     | PA     |
|                       |               | 114.4                      | 101.1  | 87.0   | 34.7   | 34.6   | 24.9   | 21.6   | 20.6   | 19.3   | 17.1   |
| Peanuts & Products    | 218.7         | GA                         | TX     | AL     | FL     | NC     | SC     | VA     | OK     | NM     | na     |
|                       |               | 93.9                       | 39.8   | 28.6   | 18.7   | 18.3   | 5.8    | 5.3    | 5.3    | 3.1    | na     |
| Sunflower Seed & Oil  | 170.0         | ND                         | SD     | KS     | MN     | CO     | TX     | NE     | na     | na     | na     |
|                       |               | 96.9                       | 29.2   | 13.1   | 9.0    | 7.5    | 4.5    | 3.7    | na     | na     | na     |
| Cottonseed & Products | 108.2         | TX                         | MS     | GA     | AR     | CA     | LA     | NC     | AL     | TN     | MO     |
|                       |               | 26.2                       | 12.6   | 11.9   | 11.2   | 11.0   | 5.9    | 5.7    | 5.3    | 5.1    | 4.5    |
| Other                 | 6624.1        | CA                         | FL     | PA     | ND     | IL     | WA     | OR     | MN     | OH     | TX     |
|                       |               | 1078.4                     | 368.7  | 337.9  | 318.0  | 315.8  | 310.1  | 212.1  | 156.6  | 153.2  | 125.3  |

1/ Fiscal year is October 1 through September 30.

na = Not Applicable

Other = Misc. oilseeds, sugar and tropical products, nursery and greenhouse, essential oils, beverages other than juice, and misc. animal products.

**KANSAS FARM FACTS**

**STOCKS OF GRAIN BY QUARTERS, 2002-2004**

| Crop<br>and<br>Quarter       | 2002              |                    |                 | 2003              |                    |                 | 2004              |                    |                 |
|------------------------------|-------------------|--------------------|-----------------|-------------------|--------------------|-----------------|-------------------|--------------------|-----------------|
|                              | On-Farm<br>Stocks | Off-Farm<br>Stocks | Total<br>Stocks | On-Farm<br>Stocks | Off-Farm<br>Stocks | Total<br>Stocks | On-Farm<br>Stocks | Off-Farm<br>Stocks | Total<br>Stocks |
| <b>WHEAT</b>                 | 1,000 Bushels     |                    |                 |                   |                    |                 |                   |                    |                 |
| September 1 (Prev. Yr.) . .  | 45,000            | 332,309            | 377,309         | 36,000            | 231,995            | 267,995         | 43,000            | 330,836            | 373,836         |
| December 1 (Prev. Yr.) . . . | 28,000            | 240,240            | 268,240         | 17,000            | 170,292            | 187,292         | 28,000            | 246,134            | 274,134         |
| March 1 . . . . .            | 19,000            | 184,216            | 203,216         | 13,000            | 116,811            | 129,811         | 13,000            | 154,613            | 167,613         |
| June 1 . . . . .             | 13,000            | 108,625            | 121,625         | 4,500             | 49,097             | 53,597          | 6,000             | 70,622             | 76,622          |
| <b>OATS</b>                  |                   |                    |                 |                   |                    |                 |                   |                    |                 |
| September 1 (Prev. Yr.) . .  | *                 | 597                | *               | *                 | 771                | *               | *                 | 1,355              | *               |
| December 1 (Prev. Yr.) . . . | *                 | 393                | *               | *                 | 908                | *               | *                 | 946                | *               |
| March 1 . . . . .            | *                 | 697                | *               | *                 | 730                | *               | *                 | 710                | *               |
| June 1 . . . . .             | *                 | 222                | *               | *                 | 349                | *               | *                 | 519                | *               |
| <b>BARLEY</b>                |                   |                    |                 |                   |                    |                 |                   |                    |                 |
| September 1 (Prev. Yr.) . .  | *                 | 132                | *               | *                 | 62                 | *               | *                 | 73                 | *               |
| December 1 (Prev. Yr.) . . . | *                 | 88                 | *               | *                 | 33                 | *               | *                 | 44                 | *               |
| March 1 . . . . .            | *                 | 48                 | *               | *                 | 59                 | *               | *                 | 30                 | *               |
| June 1 . . . . .             | *                 | 31                 | *               | *                 | 13                 | *               | *                 | 26                 | *               |
| <b>CORN</b>                  |                   |                    |                 |                   |                    |                 |                   |                    |                 |
| December 1 (Prev. Yr.) . . . | 95,000            | 167,019            | 262,019         | 94,000            | 130,669            | 224,669         | 81,000            | 121,349            | 202,349         |
| March 1 . . . . .            | 54,000            | 130,020            | 184,020         | 52,000            | 103,549            | 155,549         | 46,000            | 86,891             | 132,891         |
| June 1 . . . . .             | 27,000            | 77,824             | 104,824         | 27,000            | 50,781             | 77,781          | 26,000            | 50,501             | 76,501          |
| September 1 . . . . .        | 15,500            | 36,784             | 52,284          | 16,000            | 25,525             | 41,525          | 10,500            | 16,538             | 27,038          |
| <b>SORGHUM GRAIN</b>         |                   |                    |                 |                   |                    |                 |                   |                    |                 |
| December 1 (Prev. Yr.) . . . | 38,000            | 139,780            | 177,780         | 30,000            | 86,423             | 116,423         | 20,000            | 88,565             | 108,565         |
| March 1 . . . . .            | 21,000            | 85,668             | 106,668         | 16,000            | 69,902             | 85,902          | 12,000            | 63,804             | 75,804          |
| June 1 . . . . .             | 9,000             | 41,136             | 50,136          | 6,000             | 34,137             | 40,137          | 3,900             | 33,400             | 37,300          |
| September 1 . . . . .        | 3,600             | 27,570             | 31,170          | 2,700             | 21,007             | 23,707          | 1,800             | 12,149             | 13,949          |
| <b>SOYBEANS</b>              |                   |                    |                 |                   |                    |                 |                   |                    |                 |
| December 1 (Prev. Yr.) . . . | 19,000            | 49,857             | 68,857          | 18,000            | 36,691             | 54,691          | 12,000            | 33,847             | 45,847          |
| March 1 . . . . .            | 11,000            | 30,449             | 41,449          | 11,000            | 23,014             | 34,014          | 5,700             | 23,483             | 29,183          |
| June 1 . . . . .             | 5,500             | 14,950             | 20,450          | 3,500             | 9,750              | 13,250          | 1,900             | 10,649             | 12,549          |
| September 1 . . . . .        | 1,100             | 4,024              | 5,124           | 1,200             | 2,515              | 3,715           | 300               | 2,383              | 2,683           |

\* Not published to avoid disclosure of individual operations.

**GRAIN STORAGE CAPACITY, DECEMBER 1**

| Date                          | 1998    | 1999    | 2000    | 2001    | 2002    | 2003    | 2004    |
|-------------------------------|---------|---------|---------|---------|---------|---------|---------|
| Number                        |         |         |         |         |         |         |         |
| Off-Farm Facilities . . . . . | 876     | 866     | 796     | 803     | 799     | 799     | 793     |
| 1,000 bushels                 |         |         |         |         |         |         |         |
| Off-Farm Capacity . . . . .   | 783,650 | 782,200 | 875,000 | 890,000 | 890,000 | 890,000 | 890,000 |
| On-Farm Capacity . . . . .    | 400,000 | 400,000 | 390,000 | 380,000 | 380,000 | 380,000 | 385,000 |

**KANSAS FARM FACTS**

**FLOUR AND MILL FEED PRODUCTION, 1995-2004**

| Year    | Number of Plants | Wheat Ground | Flour Produced |         | Mill Feed Produced |         |
|---------|------------------|--------------|----------------|---------|--------------------|---------|
|         |                  |              | Quantity       | Value   | Quantity           | Value   |
|         |                  | (000 Bu.)    | (000 Sacks)    | (\$000) | (Tons)             | (\$000) |
| 1995    | 19               | 91,226       | 40,082         | 478,980 | 737,509            | 56,419  |
| 1996    | 19               | 83,538       | 37,600         | 484,288 | 665,520            | 79,330  |
| 1997    | 18               | 85,809       | 39,175         | 417,997 | 665,975            | 56,874  |
| 1998    | 18               | 88,831       | 40,278         | 379,016 | 700,837            | 45,765  |
| 1999    | 18               | 93,728       | 42,840         | 379,991 | 732,564            | 40,511  |
| 2000    | 18               | 94,632       | 42,047         | 383,048 | 735,823            | 40,029  |
| 2001    | 14               | 88,454       | 38,600         | 355,120 | 694,800            | 44,328  |
| 2002    | 14               | 77,908       | 34,691         | 362,521 | 607,093            | 36,972  |
| 2003    | 14               | 80,378       | 35,176         | 364,072 | 622,615            | 41,030  |
| 2004 1/ | 14               | 81,987       | 36,629         | 400,721 | 630,019            | 42,643  |

1/ Preliminary.

**COMMERCIAL FEEDS, 1995-2004 1/**

| Year | Number of Feed Manufacturers Registered | Commercial Feeds Sold 2/ |           | Customer Formula Feeds | Total Commercial and Customer Formula Feeds |
|------|---|--------------------------|-----------|------------------------|---|
|      |   | Quantity                 | Value     |                        |   |
|      |   | (000 Tons)               | (\$000)   | (000 Tons)             | (000 Tons)                                  |
| 1995 | 866                                     | 2,568                    | 577,800   | 871                    | 3,439                                       |
| 1996 | 837                                     | 2,296                    | 626,808   | 668                    | 2,964                                       |
| 1997 | 839                                     | 2,186                    | 629,568   | 748                    | 2,934                                       |
| 1998 | 826                                     | 2,452                    | 642,424   | 840                    | 3,292                                       |
| 1999 | 801                                     | 3,166                    | 725,014   | 956                    | 4,122                                       |
| 2000 | 806                                     | 3,399                    | 795,366   | 940                    | 4,339                                       |
| 2001 | 939                                     | 3,515                    | 878,750   | 1,026                  | 4,541                                       |
| 2002 | 915                                     | 2,413                    | 596,011   | 897                    | 3,310                                       |
| 2003 | 837                                     | 3,404                    | 878,232   | 860                    | 4,264                                       |
| 2004 | 845                                     | 3,632                    | 1,180,400 | 933                    | 4,565                                       |

1/ Not an enumeration. Data based on voluntary reporting. 2/ Commercial feeds include manufactured formula feeds and feed ingredients.

**TOTAL FERTILIZER SOLD IN KANSAS, 1982-2004**

| Fiscal Year<br>(July 1-June 30) | Fall    | Spring  | Total     | Fiscal Year<br>(July 1-June 30) | Fall    | Spring    | Total     |
|---------------------------------|---------|---------|-----------|---------------------------------|---------|-----------|-----------|
| ----- Tons -----                |         |         |           | ----- Tons -----                |         |           |           |
| 1982-83                         | 704,022 | 626,855 | 1,330,877 | 1993-94                         | 810,070 | 971,672   | 1,781,742 |
| 1983-84                         | 746,625 | 764,603 | 1,511,228 | 1994-95                         | 855,609 | 884,917   | 1,740,526 |
| 1984-85                         | 718,226 | 861,170 | 1,579,396 | 1995-96                         | 872,754 | 834,271   | 1,707,025 |
| 1985-86                         | 503,903 | 826,763 | 1,330,666 | 1996-97                         | 806,668 | 1,077,624 | 1,884,292 |
| 1986-87                         | 515,024 | 756,136 | 1,271,160 | 1997-98                         | 839,092 | 1,306,590 | 2,145,682 |
| 1987-88                         | 659,920 | 752,097 | 1,412,017 | 1998-99                         | 781,925 | 1,248,245 | 2,030,170 |
| 1988-89                         | 732,078 | 658,801 | 1,390,879 | 1999-00                         | 943,318 | 1,308,287 | 2,251,605 |
| 1989-90                         | 706,926 | 777,490 | 1,484,416 | 2000-01                         | 840,011 | 1,871,773 | 2,711,784 |
| 1990-91                         | 802,036 | 732,266 | 1,534,302 | 2001-02                         | 922,744 | 1,135,244 | 2,057,988 |
| 1991-92                         | 675,658 | 893,338 | 1,568,996 | 2002-03                         | 856,956 | 1,141,311 | 1,998,267 |
| 1992-93                         | 723,562 | 993,413 | 1,716,975 | 2003-04                         | 940,459 | 1,157,595 | 2,098,054 |

**KANSAS FARM FACTS**

**FARM, CROP, AND LIVESTOCK INFORMATION, 2004**

| COUNTY<br>AND<br>DISTRICT  | NUMBER OF<br>FARMS | TOTAL LAND<br>IN FARMS,<br>ACRES | TOTAL<br>ACRES<br>HARVESTED<br>1/ | TOTAL VALUE<br>OF FIELD<br>CROPS, 2/<br>DOLLARS | TOTAL VALUE<br>OF CATTLE &<br>MILK<br>PRODUCED,<br>DOLLARS |
|----------------------------|--------------------|----------------------------------|-----------------------------------|---|--|
| Cheyenne .....             | 440                | 585,000                          | 133,380                           | 18,003,200                                      | 14,947,800   |
| Decatur .....              | 370                | 505,000                          | 159,890                           | 16,693,800                                      | 28,803,300   |
| Graham .....               | 430                | 520,000                          | 139,200                           | 10,508,700                                      | 9,742,800  |
| Norton .....               | 480                | 519,000                          | 182,720                           | 15,647,900                                      | 17,508,900   |
| Rawlins .....              | 420                | 651,000                          | 153,920                           | 15,041,500                                      | 13,452,500   |
| Sheridan .....             | 420                | 520,000                          | 240,910                           | 39,365,300                                      | 34,914,100   |
| Sherman .....              | 450                | 612,000                          | 225,380                           | 33,577,200                                      | 15,268,900   |
| Thomas .....               | 490                | 688,000                          | 262,900                           | 40,227,300                                      | 28,142,200   |
| <b>Northwest .....</b>     | <b>3,500</b>       | <b>4,600,000</b>                 | <b>1,498,300</b>                  | <b>189,064,900</b>                              | <b>162,780,500</b>   |
| Gove .....                 | 410                | 590,000                          | 189,500                           | 17,663,400                                      | 31,089,000   |
| Greeley .....              | 300                | 456,000                          | 158,500                           | 18,091,500                                      | 26,471,900   |
| Lane .....                 | 310                | 460,000                          | 144,060                           | 9,760,200                                       | 34,854,100   |
| Logan .....                | 330                | 605,000                          | 168,960                           | 16,541,800                                      | 18,798,700   |
| Ness .....                 | 550                | 655,000                          | 205,170                           | 18,248,600                                      | 13,997,900   |
| Scott .....                | 350                | 495,000                          | 269,240                           | 35,029,600                                      | 113,909,200  |
| Trego .....                | 430                | 454,000                          | 149,800                           | 13,104,400                                      | 12,315,500   |
| Wallace .....              | 290                | 415,000                          | 131,510                           | 25,811,600                                      | 6,119,000  |
| Wichita .....              | 330                | 470,000                          | 204,860                           | 29,261,500                                      | 79,283,600   |
| <b>West Central .....</b>  | <b>3,300</b>       | <b>4,600,000</b>                 | <b>1,621,600</b>                  | <b>183,512,600</b>                              | <b>336,838,900</b>   |
| Clark .....                | 290                | 491,000                          | 83,300                            | 9,143,000                                       | 31,943,000   |
| Finney .....               | 480                | 810,000                          | 380,130                           | 103,810,000                                     | 215,324,600  |
| Ford .....                 | 700                | 655,000                          | 312,270                           | 58,945,000                                      | 89,620,900   |
| Grant .....                | 300                | 305,000                          | 167,700                           | 43,628,500                                      | 106,385,800  |
| Gray .....                 | 460                | 505,000                          | 314,420                           | 78,655,200                                      | 108,241,700  |
| Hamilton .....             | 370                | 536,000                          | 155,300                           | 17,429,700                                      | 115,035,900  |
| Haskell .....              | 230                | 405,000                          | 249,470                           | 66,603,300                                      | 157,031,400  |
| Hodgeman .....             | 370                | 473,000                          | 145,800                           | 19,798,800                                      | 44,240,500   |
| Kearny .....               | 340                | 558,000                          | 214,820                           | 44,653,300                                      | 68,330,700   |
| Meade .....                | 450                | 610,000                          | 193,700                           | 49,291,600                                      | 34,651,400   |
| Morton .....               | 300                | 358,000                          | 138,170                           | 18,228,900                                      | 5,553,500  |
| Seward .....               | 330                | 363,000                          | 184,600                           | 48,031,900                                      | 88,512,900   |
| Stanton .....              | 300                | 440,000                          | 206,500                           | 39,724,300                                      | 54,892,400   |
| Stevens .....              | 380                | 491,000                          | 281,100                           | 75,814,600                                      | 33,586,000   |
| <b>Southwest .....</b>     | <b>5,300</b>       | <b>7,000,000</b>                 | <b>3,027,280</b>                  | <b>673,758,100</b>                              | <b>1,153,350,700</b>                                       |
| Clay .....                 | 580                | 395,000                          | 228,310                           | 40,117,000                                      | 14,354,000   |
| Cloud .....                | 540                | 432,000                          | 240,400                           | 40,874,600                                      | 9,842,400  |
| Jewell .....               | 590                | 503,000                          | 251,910                           | 38,304,300                                      | 16,293,800   |
| Mitchell .....             | 480                | 450,000                          | 295,800                           | 46,168,700                                      | 18,639,500   |
| Osborne .....              | 460                | 510,000                          | 207,290                           | 25,860,400                                      | 12,848,100   |
| Ottawa .....               | 520                | 415,000                          | 201,950                           | 31,928,200                                      | 19,711,400   |
| Phillips .....             | 530                | 590,000                          | 189,900                           | 18,405,300                                      | 20,238,100   |
| Republic .....             | 660                | 423,000                          | 279,000                           | 49,618,800                                      | 20,315,400   |
| Rooks .....                | 480                | 563,000                          | 175,810                           | 14,889,100                                      | 19,291,900   |
| Smith .....                | 560                | 519,000                          | 240,850                           | 29,053,600                                      | 18,950,500   |
| Washington .....           | 800                | 500,000                          | 294,330                           | 50,983,300                                      | 32,216,700   |
| <b>North Central .....</b> | <b>6,200</b>       | <b>5,300,000</b>                 | <b>2,605,550</b>                  | <b>386,203,300</b>                              | <b>202,701,800</b>   |
| Barton .....               | 780                | 643,000                          | 320,800                           | 53,428,000                                      | 59,547,600   |
| Dickinson .....            | 970                | 544,000                          | 315,390                           | 52,878,000                                      | 31,931,100   |
| Ellis .....                | 750                | 572,000                          | 168,890                           | 20,275,600                                      | 33,123,700   |
| Ellsworth .....            | 470                | 412,000                          | 157,310                           | 24,374,300                                      | 11,882,500   |
| Lincoln .....              | 470                | 441,000                          | 187,600                           | 27,329,300                                      | 13,383,900   |
| McPherson .....            | 1,180              | 567,000                          | 370,150                           | 65,755,100                                      | 28,693,800   |
| Marion .....               | 1,000              | 585,000                          | 314,310                           | 49,682,000                                      | 39,742,600   |
| Rice .....                 | 500                | 415,000                          | 298,400                           | 55,383,300                                      | 24,232,400   |
| Rush .....                 | 510                | 416,000                          | 187,420                           | 19,959,300                                      | 7,413,100  |
| Russell .....              | 610                | 475,000                          | 159,730                           | 18,589,300                                      | 11,402,000   |
| Saline .....               | 760                | 430,000                          | 227,700                           | 36,126,800                                      | 20,590,000   |
| <b>Central .....</b>       | <b>8,000</b>       | <b>5,500,000</b>                 | <b>2,707,700</b>                  | <b>423,781,000</b>                              | <b>281,942,700</b>   |



# KANSAS FARM FACTS

## FARM, CROP, AND LIVESTOCK INFORMATION, 2004

| COUNTY AND DISTRICT        | NUMBER OF FARMS | TOTAL LAND IN FARMS, ACRES | TOTAL ACRES HARVESTED<br>1/ | TOTAL VALUE OF FIELD CROPS, 2/<br>DOLLARS | TOTAL VALUE OF CATTLE & MILK PRODUCED,<br>DOLLARS |
|----------------------------|-----------------|----------------------------|-----------------------------|---|---|
| Barber .....               | 470             | 688,000                    | 157,220                     | 19,941,700                                | 23,707,100  |
| Comanche .....             | 270             | 445,000                    | 89,000                      | 10,153,800                                | 15,769,500  |
| Edwards .....              | 350             | 414,000                    | 229,580                     | 51,104,000                                | 25,041,800  |
| Harper .....               | 530             | 466,000                    | 252,460                     | 31,529,100                                | 20,567,800  |
| Harvey .....               | 820             | 345,000                    | 269,800                     | 49,048,500                                | 12,572,400  |
| Kingman .....              | 830             | 555,000                    | 267,570                     | 36,185,000                                | 15,944,000  |
| Kiowa .....                | 360             | 430,000                    | 134,190                     | 27,451,200                                | 11,785,300  |
| Pawnee .....               | 440             | 512,000                    | 262,200                     | 45,253,100                                | 43,189,500  |
| Pratt .....                | 560             | 494,000                    | 286,800                     | 59,602,800                                | 29,476,400  |
| Reno .....                 | 1,560           | 732,000                    | 419,050                     | 70,440,100                                | 40,599,800  |
| Sedgwick .....             | 1,400           | 528,000                    | 368,700                     | 61,006,700                                | 21,232,900  |
| Stafford .....             | 520             | 467,000                    | 273,530                     | 54,775,600                                | 30,905,700  |
| Sumner .....               | 1,090           | 724,000                    | 550,570                     | 81,286,600                                | 15,275,400  |
| <b>South Central .....</b> | <b>9,200</b>    | <b>6,800,000</b>           | <b>3,560,670</b>            | <b>597,778,200</b>                        | <b>306,067,600</b>                                |
| Atchison .....             | 620             | 230,000                    | 154,300                     | 31,376,600                                | 13,500,100  |
| Brown .....                | 600             | 328,000                    | 250,700                     | 64,990,400                                | 13,433,300  |
| Doniphan .....             | 470             | 208,000                    | 162,700                     | 45,864,600                                | 7,736,800   |
| Jackson .....              | 1,100           | 340,000                    | 141,100                     | 21,860,800                                | 22,572,000  |
| Jefferson .....            | 1,040           | 281,000                    | 134,920                     | 25,792,300                                | 17,037,600  |
| Leavenworth .....          | 1,090           | 200,000                    | 100,200                     | 17,709,100                                | 11,968,300  |
| Marshall .....             | 960             | 581,000                    | 343,600                     | 65,993,400                                | 28,821,200  |
| Nemaha .....               | 1,020           | 420,000                    | 252,760                     | 53,896,000                                | 42,874,900  |
| Pottawatomie .....         | 840             | 468,000                    | 144,700                     | 26,785,300                                | 27,419,400  |
| Riley .....                | 500             | 225,000                    | 95,020                      | 16,945,600                                | 11,228,000  |
| Wyandotte .....            | 160             | 19,000                     | 13,600                      | 2,396,200                                 | 834,900   |
| <b>Northeast .....</b>     | <b>8,400</b>    | <b>3,300,000</b>           | <b>1,793,600</b>            | <b>373,610,300</b>                        | <b>197,426,500</b>                                |
| Anderson .....             | 660             | 378,000                    | 192,050                     | 30,997,100                                | 15,230,100  |
| Chase .....                | 260             | 362,000                    | 62,100                      | 10,326,700                                | 38,760,000  |
| Coffey .....               | 600             | 335,000                    | 186,820                     | 28,740,400                                | 11,193,200  |
| Douglas .....              | 880             | 202,000                    | 117,800                     | 23,714,900                                | 14,361,200  |
| Franklin .....             | 980             | 339,000                    | 168,100                     | 29,430,600                                | 13,842,100  |
| Geary .....                | 250             | 180,000                    | 61,040                      | 9,781,100                                 | 7,090,200   |
| Johnson .....              | 660             | 149,000                    | 69,800                      | 12,965,500                                | 9,393,200   |
| Linn .....                 | 880             | 310,000                    | 119,100                     | 17,776,000                                | 11,636,400  |
| Lyon .....                 | 900             | 494,000                    | 226,840                     | 30,931,600                                | 39,903,100  |
| Miami .....                | 1,410           | 320,000                    | 132,700                     | 22,832,300                                | 20,414,200  |
| Morris .....               | 470             | 385,000                    | 136,910                     | 18,087,500                                | 20,009,300  |
| Osage .....                | 920             | 367,000                    | 178,800                     | 29,484,600                                | 11,679,300  |
| Shawnee .....              | 900             | 217,000                    | 124,200                     | 25,120,600                                | 8,021,500   |
| Wabaunsee .....            | 630             | 462,000                    | 112,140                     | 18,084,300                                | 19,979,600  |
| <b>East Central .....</b>  | <b>10,400</b>   | <b>4,500,000</b>           | <b>1,888,400</b>            | <b>308,273,200</b>                        | <b>241,513,400</b>                                |
| Allen .....                | 620             | 280,000                    | 163,840                     | 24,778,400                                | 13,624,200  |
| Bourbon .....              | 840             | 338,000                    | 115,400                     | 14,527,400                                | 21,277,000  |
| Butler .....               | 1,310           | 697,000                    | 258,510                     | 40,628,800                                | 63,594,400  |
| Chautauqua .....           | 370             | 389,000                    | 36,600                      | 4,078,700                                 | 17,151,400  |
| Cherokee .....             | 740             | 290,000                    | 253,300                     | 38,327,200                                | 7,744,500   |
| Cowley .....               | 1,000           | 685,000                    | 219,500                     | 33,730,300                                | 26,855,800  |
| Crawford .....             | 820             | 337,000                    | 185,670                     | 28,548,200                                | 14,988,100  |
| Elk .....                  | 410             | 367,000                    | 54,000                      | 6,387,300                                 | 12,458,100  |
| Greenwood .....            | 580             | 594,000                    | 96,320                      | 13,326,900                                | 33,277,100  |
| Labette .....              | 890             | 358,000                    | 202,140                     | 27,871,000                                | 23,955,800  |
| Mongomery .....            | 980             | 342,000                    | 158,320                     | 19,985,600                                | 11,042,000  |
| Neosho .....               | 770             | 341,000                    | 155,100                     | 20,711,800                                | 15,536,500  |
| Wilson .....               | 560             | 329,000                    | 169,200                     | 23,292,000                                | 10,308,400  |
| Woodson .....              | 310             | 253,000                    | 105,900                     | 13,512,800                                | 13,429,600  |
| <b>Southeast .....</b>     | <b>10,200</b>   | <b>5,600,000</b>           | <b>2,173,800</b>            | <b>309,706,400</b>                        | <b>285,242,900</b>                                |
| State .....                | 64,500          | 47,200,000                 | 20,876,900                  | 3,445,688,000                             | 3,167,865,000                                     |

1/ Only for crops estimated. 2/ Includes wheat, corn, sorghum, soybeans, sunflowers, hay, oats, barley, cotton, apples, pecans, potatoes, and dry beans but does not include other crops or any Government Program payments.

**PRECIPITATION IN KANSAS, 2004 AND AVERAGE**  
Inches of Water

| Month | N.W.  |       | W.C.  |       | S.W.  |       | N.C.  |       | C.    |       | S.C.  |       | N.E.  |       | E.C.  |       | S.E.  |       | STATE |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|       | 2004  | Avg*  | 2004  | Avg*  | 2004  | Avg*  | 2004  | Avg*  | 2004  | Avg*  | 2004  | Avg*  | 2004  | Avg*  | 2004  | Avg*  | 2004  | Avg*  | 2004  | Avg*  |
| Jan   | 0.19  | 0.51  | 0.14  | 0.52  | 0.06  | 0.49  | 0.78  | 0.65  | 0.51  | 0.74  | 1.08  | 0.76  | 0.90  | 0.90  | 1.43  | 1.09  | 2.25  | 1.26  | 0.83  | 0.77  |
| Feb   | 0.53  | 0.55  | 0.61  | 0.59  | 0.51  | 0.53  | 0.93  | 0.72  | 0.91  | 0.91  | 1.04  | 0.96  | 0.99  | 1.04  | 1.10  | 1.21  | 0.89  | 1.63  | 0.83  | 0.91  |
| Mar   | 1.04  | 1.51  | 0.97  | 1.57  | 1.46  | 1.49  | 3.36  | 2.21  | 3.65  | 2.43  | 4.44  | 2.48  | 4.43  | 2.53  | 5.26  | 2.75  | 5.87  | 3.22  | 3.41  | 2.25  |
| Apr   | 2.43  | 2.05  | 3.01  | 1.76  | 2.25  | 1.69  | 3.39  | 2.50  | 1.91  | 2.61  | 2.81  | 2.57  | 1.44  | 3.23  | 2.26  | 3.42  | 4.52  | 3.62  | 2.73  | 2.58  |
| May   | 0.88  | 3.71  | 0.87  | 3.25  | 0.41  | 3.10  | 2.89  | 4.19  | 2.79  | 4.39  | 2.08  | 4.05  | 5.50  | 4.95  | 4.13  | 5.07  | 4.69  | 5.23  | 2.58  | 4.18  |
| Jun   | 3.16  | 3.08  | 5.55  | 2.73  | 5.82  | 2.92  | 4.04  | 3.47  | 5.13  | 3.80  | 6.08  | 4.03  | 5.73  | 4.82  | 7.51  | 5.08  | 6.24  | 5.17  | 5.53  | 3.88  |
| Jul   | 5.96  | 3.43  | 4.60  | 3.37  | 4.29  | 2.86  | 5.49  | 3.85  | 6.50  | 3.83  | 5.82  | 3.37  | 6.51  | 4.38  | 7.36  | 3.94  | 5.86  | 3.92  | 5.75  | 3.61  |
| Aug   | 1.08  | 2.65  | 2.39  | 2.63  | 2.89  | 2.51  | 1.49  | 3.25  | 1.99  | 3.43  | 2.69  | 2.97  | 4.70  | 3.79  | 3.72  | 3.73  | 2.67  | 3.72  | 2.59  | 3.16  |
| Sep   | 3.10  | 1.45  | 2.64  | 1.54  | 3.10  | 1.61  | 2.69  | 2.50  | 2.46  | 2.54  | 1.43  | 2.59  | 1.28  | 4.15  | 1.80  | 3.95  | 0.98  | 4.14  | 2.17  | 2.69  |
| Oct   | 1.37  | 1.27  | 1.01  | 1.17  | 1.43  | 1.25  | 1.26  | 1.85  | 1.99  | 2.18  | 2.92  | 2.23  | 2.28  | 2.94  | 3.76  | 3.14  | 4.78  | 3.70  | 2.36  | 2.18  |
| Nov   | 2.02  | 1.00  | 1.59  | 1.04  | 2.10  | 0.88  | 1.32  | 1.50  | 1.62  | 1.62  | 2.63  | 1.64  | 2.01  | 2.29  | 3.54  | 2.64  | 5.41  | 3.11  | 2.54  | 1.70  |
| Dec   | 0.08  | 0.45  | 0.09  | 0.49  | 0.12  | 0.51  | 0.11  | 0.79  | 0.14  | 0.92  | 0.22  | 1.01  | 0.45  | 1.25  | 0.70  | 1.52  | 0.89  | 1.89  | 0.31  | 0.96  |
| Ann   | 21.84 | 21.66 | 23.47 | 20.66 | 24.44 | 19.84 | 27.75 | 27.48 | 29.60 | 29.40 | 33.24 | 28.66 | 36.22 | 36.27 | 42.57 | 37.54 | 45.05 | 40.61 | 31.65 | 28.87 |

\*Long-time weather average, 1971-2000.

**TEMPERATURES IN KANSAS, 2004 AND AVERAGE**  
Degrees Fahrenheit

| Month | N.W. |      | W.C. |      | S.W. |      | N.C. |      | C.   |      | S.C. |      | N.E. |      | E.C. |      | S.E. |      | STATE |      |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
|       | 2004 | Avg* | 2004 | Avg* | 2004 | Avg* | 2004 | Avg* | 2004 | Avg* | 2004 | Avg* | 2004 | Avg* | 2004 | Avg* | 2004 | Avg* | 2004  | Avg* |
| Jan   | 28.7 | 27.4 | 30.2 | 28.6 | 32.9 | 30.7 | 26.6 | 26.4 | 28.9 | 28.3 | 32.1 | 30.4 | 26.5 | 25.9 | 28.4 | 28.0 | 31.9 | 30.8 | 29.9  | 28.8 |
| Feb   | 29.8 | 32.6 | 30.8 | 34.1 | 33.6 | 36.3 | 27.3 | 32.1 | 29.5 | 34.1 | 32.7 | 36.4 | 28.7 | 32.0 | 30.4 | 34.0 | 33.6 | 36.7 | 31.0  | 34.5 |
| Mar   | 45.6 | 40.6 | 47.2 | 42.1 | 50.0 | 44.5 | 47.5 | 42.1 | 48.6 | 43.9 | 50.1 | 45.5 | 47.1 | 42.7 | 48.0 | 44.4 | 49.5 | 46.6 | 48.4  | 43.8 |
| Apr   | 50.6 | 50.1 | 51.8 | 51.4 | 53.6 | 53.6 | 54.1 | 52.5 | 54.8 | 53.9 | 55.8 | 55.1 | 55.9 | 53.5 | 55.9 | 54.5 | 56.5 | 56.3 | 54.4  | 53.6 |
| May   | 63.3 | 59.9 | 64.9 | 61.1 | 67.5 | 63.2 | 66.0 | 62.4 | 67.1 | 63.7 | 68.7 | 64.8 | 66.6 | 63.6 | 66.6 | 64.2 | 67.8 | 65.4 | 66.7  | 63.3 |
| Jun   | 68.2 | 70.7 | 69.6 | 71.9 | 71.7 | 73.6 | 71.7 | 73.0 | 72.3 | 74.2 | 73.0 | 75.1 | 70.8 | 73.1 | 70.9 | 73.4 | 71.8 | 74.4 | 71.3  | 73.4 |
| Jul   | 73.0 | 76.5 | 74.1 | 77.4 | 75.1 | 78.7 | 75.7 | 78.7 | 76.1 | 79.8 | 76.8 | 80.5 | 74.8 | 78.1 | 75.1 | 78.6 | 75.3 | 79.7 | 75.2  | 78.8 |
| Aug   | 70.8 | 74.3 | 71.2 | 75.3 | 71.9 | 76.8 | 73.3 | 76.4 | 73.2 | 77.8 | 74.3 | 78.9 | 72.1 | 76.0 | 72.3 | 76.9 | 73.5 | 78.3 | 72.6  | 76.9 |
| Sep   | 68.3 | 64.9 | 69.2 | 66.2 | 69.9 | 68.0 | 71.8 | 67.2 | 71.7 | 68.7 | 72.7 | 70.0 | 70.4 | 67.3 | 70.3 | 68.3 | 71.2 | 69.7 | 70.7  | 68.0 |
| Oct   | 53.9 | 52.7 | 55.0 | 54.2 | 56.5 | 56.2 | 57.2 | 55.1 | 58.1 | 56.8 | 59.5 | 58.1 | 57.7 | 55.9 | 58.3 | 56.9 | 60.3 | 58.5 | 57.5  | 56.2 |
| Nov   | 39.6 | 38.0 | 40.8 | 39.5 | 42.3 | 41.9 | 43.8 | 40.0 | 44.4 | 42.1 | 45.6 | 43.4 | 45.4 | 41.4 | 46.3 | 43.1 | 47.8 | 45.1 | 44.1  | 41.8 |
| Dec   | 33.2 | 29.6 | 34.5 | 31.2 | 35.9 | 33.1 | 33.9 | 29.7 | 34.5 | 31.9 | 36.8 | 33.4 | 33.5 | 29.9 | 34.8 | 32.1 | 36.5 | 34.5 | 35.0  | 31.9 |
| Ann   | 52.1 | 51.4 | 53.3 | 52.8 | 55.1 | 54.7 | 54.1 | 53.0 | 54.9 | 54.6 | 56.5 | 56.0 | 54.1 | 53.3 | 54.8 | 54.5 | 56.3 | 56.3 | 54.7  | 54.3 |

\*Long-time weather average, 1971-2000.

**KANSAS PRECIPITATION - 2004**  
**Upper figure, 2004 Total; Lower Figure, 1971-2000 Average;**  
**Inches of Water**

|                            |                           |                            |                            |                            |                            |                            |                            |                              |                             |                            |                             |                               |
|----------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|------------------------------|-----------------------------|----------------------------|-----------------------------|-------------------------------|
| Cherokee<br>18.35<br>18.34 | Rawlins<br>22.86<br>21.75 | Decatur<br>21.78<br>22.15  | Marion<br>20.08<br>22.62   | Phillips<br>21.18<br>23.44 | Smith<br>24.56<br>25.01    | Jewell<br>23.55<br>26.91   | Republic<br>22.97<br>29.46 | Washington<br>27.02<br>31.15 | Marshall<br>23.81<br>33.16  | Nebraska<br>30.68<br>34.32 | Brown<br>30.16<br>36.87     | Douglas<br>27.35<br>37.43     |
| Sherman<br>22.27<br>19.76  | Thomas<br>19.88<br>20.31  | Sheridan<br>20.01<br>20.80 | Graham<br>20.30<br>21.70   | Rooks<br>22.93<br>23.89    | Osborne<br>27.67<br>26.25  | Mitchell<br>27.04<br>26.52 | Cloud<br>26.52<br>30.03    | Clay<br>25.68<br>31.04       | Riley<br>32.87<br>32.36     | Pottaw<br>31.61<br>34.95   | Jackson<br>33.81<br>36.96   | Adair<br>31.35<br>36.97       |
| Wallace<br>25.64<br>20.11  | Logan<br>20.52<br>18.80   | Gove<br>22.76<br>21.86     | Trego<br>22.00<br>22.07    | Blair<br>25.15<br>22.78    | Russell<br>23.02<br>26.25  | Lincoln<br>25.91<br>28.57  | Ottawa<br>28.02<br>30.70   | DeKalb<br>27.89<br>32.54     | Wagoner<br>45.03<br>35.34   | Cherokee<br>40.76<br>36.20 | Jefferson<br>46.73<br>37.83 | Leavenworth<br>41.79<br>39.51 |
| Greeley<br>23.09<br>17.44  | Wichita<br>23.11<br>18.44 | Scott<br>22.61<br>20.70    | Lane<br>24.33<br>21.47     | Ness<br>22.51<br>21.77     | Rush<br>24.63<br>23.63     | Barber<br>25.38<br>26.62   | Saline<br>20.48<br>31.34   | McPherson<br>25.85<br>31.96  | Marion<br>37.75<br>33.11    | Chase<br>40.47<br>34.36    | Franklin<br>42.87<br>38.31  | Miami<br>47.20<br>39.23       |
| Hamilton<br>16.99<br>16.62 | Keamy<br>27.04<br>18.58   | Finney<br>24.14<br>19.90   | Hodgeman<br>24.92<br>21.86 | Pawnee<br>28.31<br>23.99   | Clatsop<br>33.34<br>26.03  | Reno<br>36.49<br>30.32     | Haskell<br>33.56<br>32.01  | Butler<br>43.03<br>34.95     | Greenwood<br>41.66<br>36.71 | Woodson<br>49.56<br>40.37  | Allen<br>48.64<br>41.69     | Barton<br>45.24<br>44.14      |
| Stanton<br>22.20<br>14.60  | Grant<br>22.43<br>17.39   | Haskell<br>21.55<br>19.22  | Gray<br>22.72<br>23.05     | Ford<br>23.53<br>22.97     | Nowa<br>22.21<br>26.10     | Pratt<br>30.38<br>27.85    | Kingman<br>33.20<br>30.33  | Sumner<br>48.26<br>32.45     | Cowley<br>42.71<br>35.82    | Wilson<br>50.62<br>40.69   | Neosho<br>41.85<br>41.25    | Grant<br>43.07<br>44.56       |
| Marion<br>22.07<br>17.66   | Clemons<br>26.60<br>18.43 | Seward<br>33.91<br>19.73   | Meade<br>29.02<br>21.26    | Clark<br>21.55<br>23.18    | Comanche<br>26.30<br>25.32 | Barber<br>22.31<br>26.30   | Harper<br>33.03<br>30.33   | Sumner<br>48.26<br>32.45     | Cowley<br>42.71<br>35.82    | Cherokee<br>43.85<br>39.28 | Monroe<br>41.51<br>43.46    | Labette<br>40.55<br>43.99     |

**2004 DISTRICT PRECIPITATION TOTALS (PRELIMINARY)**

|                                 | NW    | WC    | SW    | NC    | C     | SC    | NE    | EC    | SE    | STATE |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2004 Average . . . . .          | 21.84 | 23.47 | 24.44 | 27.75 | 29.60 | 33.24 | 36.22 | 42.57 | 45.05 | 31.65 |
| Departure from Normal . . . . . | +0.18 | +2.81 | +4.60 | +0.27 | +0.20 | +4.58 | -0.05 | +5.03 | +4.44 | +2.78 |
| % of Normal . . . . .           | 101   | 114   | 123   | 101   | 101   | 116   | 100   | 113   | 111   | 110   |